

07-30-01

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07/27/01
 3962 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket
No.

KLR 8190.001

First Inventor or Application
Identifier

Dirk Raschke

Title

FUNCTIONAL ASYMMETRICAL CIRCUIT SUBSTRATE ASSEMBLY
INCLUDING A MIRROR-SYMMETRICAL COMPONENT LAYOUT

Express Mail Label No.

EL744772988US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents & Trademarks
Box Patent Application
Washington, D.C. 20231

1. ☒ *Fee Transmittal Form (e.g. PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☒ Specification

Total pages

17

(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Federally Sponsored Research
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113)

[Total Pages

5

4. Oath or Declaration (unsigned)

[Total Pages

2

a. ☐ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 16 completed)

1. ☐ Deletion of Inventor(s)

Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §§1.53(d)(2) and 1.33(b)

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer readable copy

b. ☐ Paper copy (identical to computer copy)

c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & documents)(unsigned)

8. ☒ 37 CFR §3.73(b) Statement ☒ Power of Attorney
when there is an assignee (unsigned)

9. ☐ English translation document (if applicable)

10. ☐ Information Disclosure Statement (IDS) /PTO 1449 ☐ Copies of IDS Citations

11. ☐ Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)

13. ☐ *Small Entity Statements
(PTO/ sb/09-12)

☐ Statement filed in prior application.
Status still proper and desired.

14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

15. ☐ Other

* Note for Items 1 & 13: In order to be entitled to pay small entity fees, a small entity statement is required (37 CFR §1.27), except if one filed in a prior application is relied upon (37 CFR §1.28)

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment of prior application No.:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner _____ Group No./Art Unit _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert customer number or attach bar code label here)

or ☒ Correspondence address below

Name Kevin L. Russell

Address 601 SW Second Ave., Suite 1600

City Portland

State OR

Zip Code 97204-3157

Country USA

Telephone (503)227-5631

FAX (503)228-4373

Name (print type)

Kevin L. Russell

Registration No.

38,292

Signature

Date

July 27, 2001

31017 U.S. PTO
09/917430
07/27/01

09047430-072701

Patent fees are subject to annual revision.

Application Number	
Filing Date	July 27, 2001
First Named Inventor	Dirk Raschke
Examiner Name	
Group/ Art Unit	

TOTAL AMOUNT OF PAYMENT

\$355

Attorney Docket No.	KLR 8190.001
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FEE CALCULATION (continued)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities often use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities often use the LIFO (Last In, First Out) method.</p>	<p>2. Inventory Valuation</p> <p>Small entities often use the LIFO (Last In, First Out) method for inventory valuation.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities often use the straight-line method.</p>	<p>3. Depreciation</p> <p>Small entities often use the straight-line method for depreciation.</p>
<p>4. Bad Debt Expense</p> <p>Large entities use the allowance method for bad debt expense. Small entities often use the direct write-off method.</p>	<p>4. Bad Debt Expense</p> <p>Small entities often use the direct write-off method for bad debt expense.</p>
<p>5. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) standard for lease accounting. Small entities often use the ASC 840 (Leases) standard.</p>	<p>5. Lease Accounting</p> <p>Small entities often use the ASC 840 (Leases) standard for lease accounting.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	8	-20** = 0	0
Indep. Claims	1	-3** = 0	0
Multiple Dependent			0

*or number of previously paid, if greater. For reissues, see below.

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities often use the percentage-of-completion method for long-term contracts, recognizing revenue as work progresses. Small entities typically use the cost-of-sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities typically use the cost-of-sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities may use the FIFO (First-In, First-Out) method for inventory valuation. Small entities may use the LIFO (Last-In, First-Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last-In, First-Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities often use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method, which is simpler and more conservative.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation, which is simpler and more conservative.</p>
<p>4. Bad Debt Expense</p> <p>Large entities often use the allowance method for bad debt expense, estimating the amount of uncollectible accounts. Small entities may use the direct write-off method, which is simpler but not allowed for tax purposes.</p>	<p>4. Bad Debt Expense</p> <p>Small entities may use the direct write-off method for bad debt expense, which is simpler but not allowed for tax purposes.</p>
<p>5. Lease Accounting</p> <p>Large entities often use the operating lease method for lease accounting. Small entities may use the finance lease method, which is more complex but provides a better match of costs and revenues.</p>	<p>5. Lease Accounting</p> <p>Small entities may use the finance lease method for lease accounting, which is more complex but provides a better match of costs and revenues.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity	Small Entity
<p>1. Revenue</p> <p>2. Expenses</p> <p>3. Assets</p> <p>4. Liabilities</p> <p>5. Equity</p>	<p>1. Revenue</p> <p>2. Expenses</p> <p>3. Assets</p> <p>4. Liabilities</p> <p>5. Equity</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205		65 Surcharge - late filing fee or oath	
127	50	227		25 Surcharge-late provisional filing fee or cover sheet	
139	130	139		130 Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112		920* Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215		55 Extension for reply within first month	
116	390	216		195 Extension for reply within second month	
117	890	217		445 Extension for reply within third month	
118	1,390	218		695 Extension for reply within fourth month	
128	1,890	228		945 Extension for reply within fifth month	
119	310	219		155 Notice of Appeal	
120	310	220		155 Filing a brief in support of an appeal	
121	270	221		135 Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240		55 Petition to revive - unavoidable	
141	1,240	241		620 Petition to revive - unintentional	
142	1,240	242		620 Utility issue fee (or reissue)	
143	440	243		220 Design issue fee	
144	600	244		300 Plant issue fee	
122	130	122		130 Petitions to the Commissioner	
123	50	123		50 Petitions related to provisional applications	
126	240	126		240 Submission of Information Disclosure Statement	
581	40	581		40 Recording each patent assignment per property (times number of properties)	
146	710	246		355 Filing a submission after final rejection (37 C.F.R. 1.129(a))	
149	710	249		355 For each additional invention to be examined (37 C.F.R. 1.129(b))	
169	900	169	900	Request for Expedited Examination of a Design Application	

Other (specify) _____

SUBTOTAL (2)	\$0
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* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$0

SUBMITTED BY

Complete (if applicable)

Name (print type)	Kevin L. Russell
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Registration No.

38,292

Telephone	(503) 227-5631
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Signature _____

Date

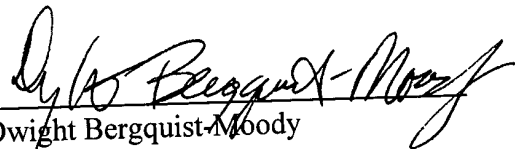
July 27, 2001

**CERTIFICATE OF MAILING
BY EXPRESS MAIL**

Express Mail No.: EL744772988US

Date of Deposit: July 27, 2001

I hereby certify that the patent application attached hereto entitled FUNCTIONAL ASYMMETRICAL CIRCUIT SUBSTRATE ASSEMBLY INCLUDING A MIRROR-SYMMETRICAL COMPONENT LAYOUT, Dirk Raschke, inventor, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to, The Honorable Commissioner for Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.


Dwight Bergquist-Moody

104220-0242T660

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

08/02/2001 MBIZONES 00000021 09917430
01 FC:201 355.00 DP

09/07/2001 NPRASASO 00000015 031550 09917430
01 FC:204 135.00 CH